

Amendments to the Specification:

Please replace the paragraph beginning at line 8 on page 13 with the following amended paragraph:

If the observer head 37 is within the main viewing zone 38, no signal occurs in the head position detector 34. However, if the observer head 46 moves to either the boundary of the main viewing zone or out of the boundary, the head tracking system 33 directly traces movement of the observer head and transmits a resultant signal to the head position detector 34.

Please replace the paragraph beginning at line 20 on page 13 bridging page 14 with the following amended paragraph:

The aspectogram regeneration engine 36 regenerates the two-dimensional microimages displayed on the screen 32 in accordance with the input signal in new microimages of which distortion is compensated. The viewing adjust engine 35 adjusts the viewing zone to correspond to yield an updated viewing zone 47 that corresponds to the position of a new observer head 46 by moving the new microimages displayed on the screen 32 in accordance with the input signal and of which distortion is compensated.